

**From:** [Mollin, Jessica](#)  
**To:** [Hartzell, Sharon](#)  
**Subject:** FW: PFAS questions for RA briefing  
**Date:** Wednesday, September 4, 2019 3:26:35 PM  
**Attachments:** [Fig 1 PFCs Phase 1-062018.jpg](#)  
[Fig 2 PFCs Proposed Phase 2\\_070318.jpg](#)  
[2018\\_04\\_18 Response to NYSDEC Comments on PFC Work Plan from Gordon \(003\).pdf](#)

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**From:** Howe, Robert F <[howe@bnl.gov](mailto:howe@bnl.gov)>  
**Sent:** Tuesday, July 10, 2018 12:29 PM  
**To:** Mollin, Jessica <[Mollin.Jessica@epa.gov](mailto:Mollin.Jessica@epa.gov)>  
**Cc:** Paquette, Douglas E <[paquette@bnl.gov](mailto:paquette@bnl.gov)>; Dorsch, William R <[dorsch@bnl.gov](mailto:dorsch@bnl.gov)>  
**Subject:** RE: PFAS questions for RA briefing

Jessica,

In response to your questions below:

1. Yes, there were 7 Geoprobe wells so far. Correct, 48 samples (which includes 4 blind duplicates). In addition, there were QA samples (7 trip blanks, 2 equipment blanks, and 1 field blank) not included in the 48. Yes, 9 were greater than the PFOA/PFOS HAL, 36 detections less than the HAL, and 3 ND. Of particular interest is the location of the temporary wells that exceeded the HAL. That is the two temporary wells (GP-02 and GP-04) installed at the current firehouse, and the one temporary well (GP-01) installed about 1,500 feet downgradient of the current firehouse.
2. When we were developing the Phase 1 Work Plan, we had identified the (current) BNL Firehouse, Former Bubble Chamber Experiment, 1970 Foam Test Area, and the Major Petroleum Facility as potential source areas (Also see the attached response to NYSDEC comment 1 on the Phase 1 Work Plan). We subsequently identified the Former Firehouse, Building 902 area foam test, Recreation Center area, and the Building 526 area. These areas will be examined as part of the Phase 2 Work Plan.
3. The figures we sent you were the location of the Phase 1 Geoprobe wells and a figure of the proposed Phase 2 wells. Attached are jpg files of those two figures, which should show up better in Power Point.
4. Our communications plan is currently being prepared and reviewed internally so we can't say at this time. But most likely the fall.
5. The five potable supply wells (4,6,7,10,11) are located on both figures. The data from the County sampling of the potable supply wells in 2017 (March and August) are provided in Table 1 of the Phase 1 Work Plan. The first set of quarterly data from BNL sampling in 2018 (from January) of the potable supply wells are provided in Table 2 of the Phase 1 Work Plan. The potable supply well sampling data from June 2018 are pending.

Hope this helps. Let me know if you need more info.

Bob

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**From:** Mollin, Jessica [<mailto:Mollin.Jessica@epa.gov>]  
**Sent:** Tuesday, July 10, 2018 7:58 AM

**To:** Howe, Robert F <[howe@bnl.gov](mailto:howe@bnl.gov)>

**Subject:** PFAS questions for RA briefing

Hi Bob,

I have a couple of questions for you regarding PFAS, please see below. And thanks for your help on this.

- Just to clarify there were 7 geoprobes and 48 samples (including duplicates? 9 were greater than HALs, 36 detections but less than HALs and 3 non-detect.
- The PA didn't seem to list the fire stations, just the bldg. 924, bubble chamber and major petroleum facility. Fire station was added later?
- The figures for sampling in 2017 and 2018 (5&7) are blurry when I blow them up for the power point presentation, do you have any other version?
- When will the BER be updated? In the Fall?
- Are all of the supply wells on the figures? And do you have anything documenting all of the sampling in 2017/2018 in a table?